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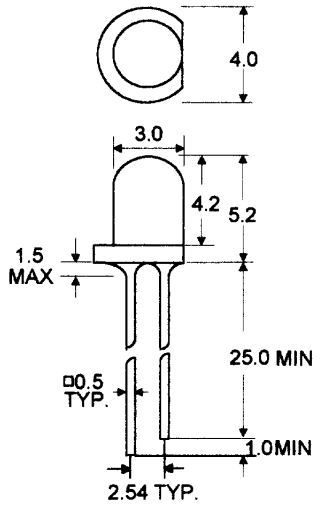
Jameco Part Number 114673

LIGITEK

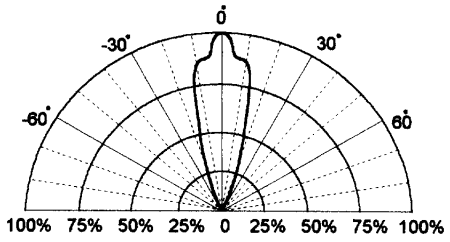
ROUND TYPE LED LAMPS **LX2043** SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

Radiation



- **Part Selection And Application Information (Ratings At 25°C Ambient)**

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LR2043	GaAsP	Red	Water Clear	655	40	1.5	2.0	3.5	6.0	30
LH2043	GaP	Red	Water Clear	697	90	1.7	2.8	7.0	12	30
LG2043	GaP	Green	Water Clear	565	30	1.7	2.8	45	70	30
LY2043	GaAsP/GaP	Yellow	Water Clear	585	35	1.7	2.8	27	45	30
LE2043	GaAsP/GaP	Orange	Water Clear	635	45	1.7	2.8	30	48	30

- **Absolute Maximum Rating (Ta=25°C)**

PARAMETER	RED		GREEN	YELLOW	ORANGE	UNIT	REMARK
	R	*H*	*G*	*Y*	*E*		
Forward Current	40	15	30	20	30	mA	
Peak Current Duty 1/10 @1Khz	200	60	120	80	120	mA	
Power Dissipation	80	40	100	60	100	mW	
Reverse Current @5V	10		10	10	10	μA	
Operating Temperature	-40°C TO +85°C						
Storage Temperature	-40°C TO +100°C						

Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)

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